

Claims*Sub
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1. A hose device including a hose portion (3), at least a first end portion (2) and a channel (5), which extends along the hose device through the first end portion (2) and the hose portion (3), wherein the hose device (1) has flexible and elastic properties, wherein the first end portion (2) of the hose device in a mounted state is arranged to be attached to a tubular connection member (7) by having the connection member introduced in the channel (5) and wherein the hose device includes a transition portion (4), which is located between the first end portion and the hose portion, characterised in that the channel (5) extends through the transition portion (4) and in a non-mounted state has a such non-circular cross-sectional shape at the transition portion (4) that the channel in the mounted state forms a substantially circular cross-sectional shape.
2. A device according to claim 1, characterised in that the connection member (7) has an end surface, which is obliquely cut, wherein the hose device (1) in the mounted state is arranged to be attached to the connection member (7) in such a way that the connection member extends into the transition portion (4).
3. A device according to any one of claims 1 and 2, characterised in that the connection member (7) has an outer surface, which seen in a cross-sectional view is substantially circular.
4. A device according to any one of the preceding claims, characterised in that the channel (5) in the non-mounted state has an egg-like cross-sectional shape.
5. A device according to any one of the preceding claims, characterised in that said cross-sectional shape of the

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channel (5) forms a first portion (10) including a radius (r) and a second outwardly extending portion (11).

6. A device according to claims 2 and 5, characterised in
5 that the hose device (1) is arranged to be located in such a
rotary position in relation to the connection member (7)
that the second portion in the mounted state is directed
towards the obliquely cut end surface.

10 7. A device according any one of claims 5 and 6,
characterised in that said radius (r) is substantially
constant.

8. A device according to any one of claims 5 to 7,
15 characterised in that the channel (5) has a longitudinal
centre axis (x), wherein the distance (a) between the second
portion (11) and said centre axis (x) is larger than said
radius (r) seen in a cross-section through the transition
portion (4).

9. A device according to any one of claims 5 to 8,
characterised in that said distance (a) increases along the
 transition portion (4) in a direction from the first end
 portion (2) to a maximum value, whereafter said distance (a)
 25 decreases in a direction towards the hose portion (3).

10. A device according to any one the preceding claims, characterised in that the first end portion (2) includes an end surface which has a chamfered portion (9).

11. A device according to claims 5 and 10, characterised in
that the second portion (11) of the channel (5) and the
chamfered portion (9) are located substantially straight
after each other seen in the extension of the hose device.

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5 12. A device according to any one of the preceding claims, characterised in that the hose device at least at the transition portion (4) has an outer surface, which seen in a cross-sectional view is substantially circular.

10 13. A device according to any one of the preceding claims, characterised in that the hose device at the transition portion (4) has a larger wall thickness than at the first end portion (2) and the hose portion (3).

15 14. A device according to any one of the preceding claims, characterised by a bead (13), which extends around the hose device and in the longitudinal direction (x) of the hose device over substantially the whole transition portion (4).

20 15. A device according to claims 5 and 14, characterised in that the bead (13) has a longer extension in the longitudinal direction (x) of the hose device at the second portion (11) than at the first portion (10).

25 16. A device according to any one of the preceding claims, characterised in that the hose device at the outer side is provided with grooves (14) which extend in the longitudinal direction (x) of the hose device over substantially the whole transition portion (4) in such a way that the hose device has a tooth wheel-like shape seen in a cross-section through the transition portion (4).

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